**NAME:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Statistics: Activity 1.1**

***Directions:*** Turn to page 4 in your textbooks and complete Activity 1.1 as directed. Use this sheet to record all information/answers/data. Answer the extra questions below too. Turn in when complete.

1. Trace your ruler below:
2. Your measurement (to nearest tenth): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Record your measurement on the board along with your classmates
4. Draw your dotplot below:
5. Class average: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**QUESTIONS:**

1. Was your measurement close to the true value? What was your error?
2. Was the class average close to the true value? Was it closer than your individual measurement?
3. Describe the shape of the dotplot of the class measurements. What are the key features?
4. What types of bias/error were there in this experiment?